1090080 "EP1999266

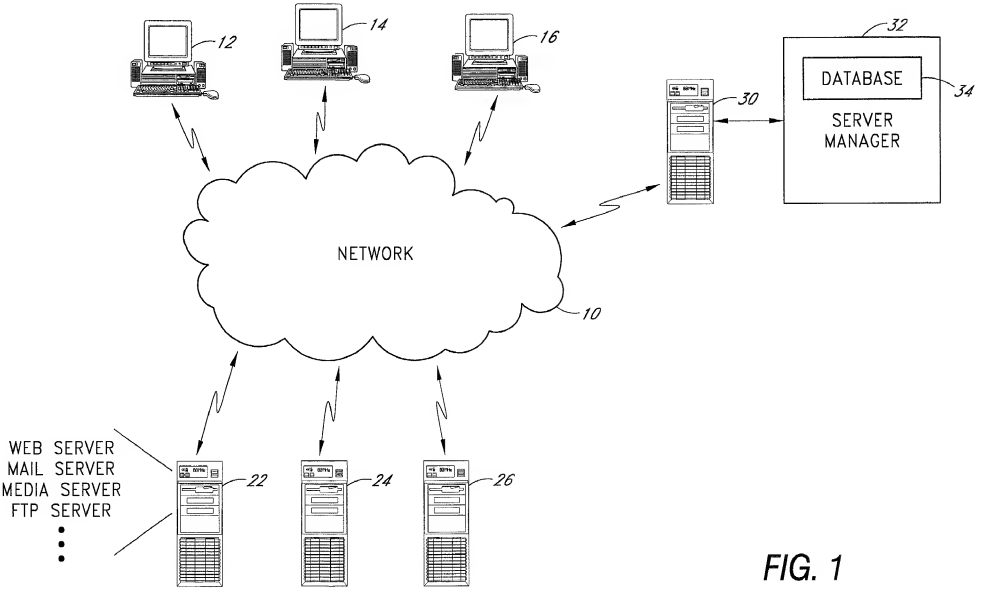


FIG. 1

HotPro Intranet - Microsoft Internet Explorer provided by Dell
http://intranet/hotpro.asmf
INTRANET VERSION 5.0
User Name:
Password:

FIG. 2

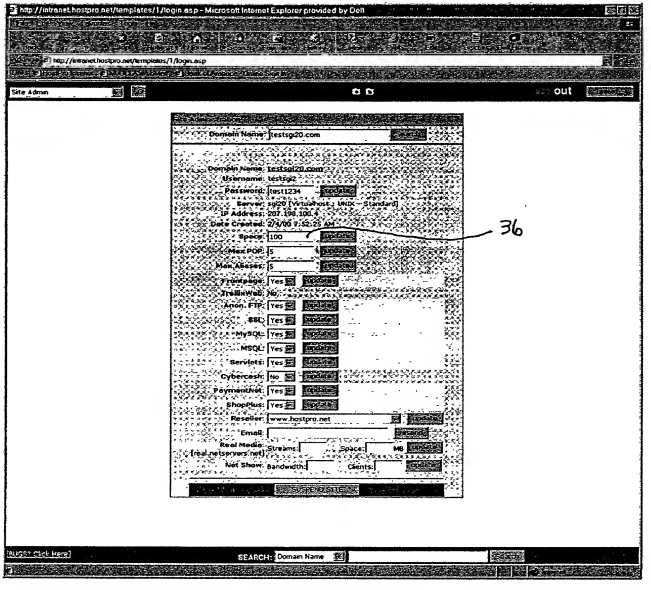


FIG. 3

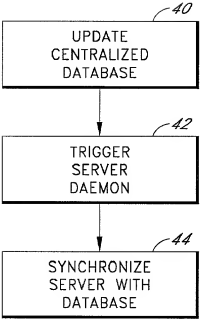

40
UPDATE CENTRALIZED DATABASE
42
TRIGGER SERVER DAEMON
44
SYNCHRONIZE SERVER WITH DATABASE

FIG. 4

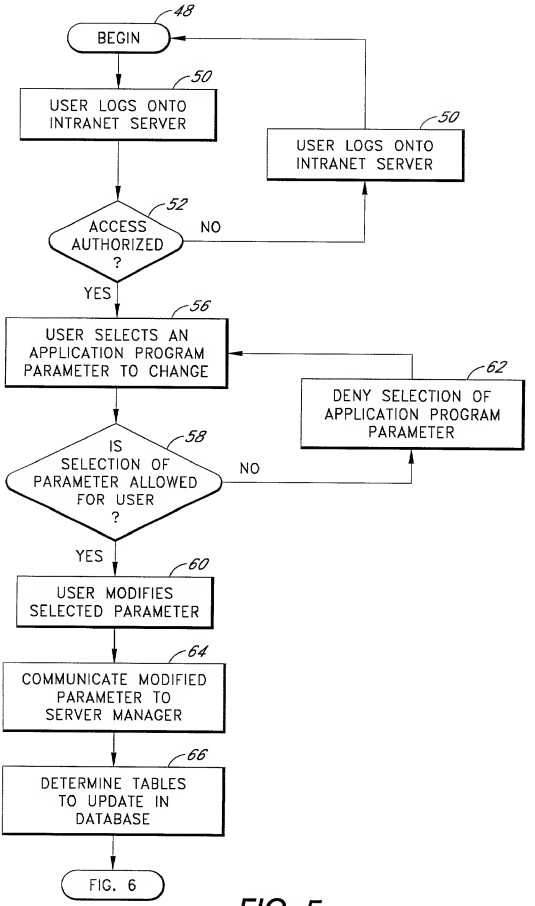

48
BEGIN
50
USER LOGS ONTO INTRANET SERVER
50
USER LOGS ONTO INTRANET SERVER
52
ACCESS AUTHORIZED ?
NO
YES
56
USER SELECTS AN APPLICATION PROGRAM PARAMETER TO CHANGE
62
DENY SELECTION OF APPLICATION PROGRAM PARAMETER
58
IS SELECTION OF PARAMETER ALLOWED FOR USER ?
NO
YES
60
USER MODIFIES SELECTED PARAMETER
64
COMMUNICATE MODIFIED PARAMETER TO SERVER MANAGER
66
DETERMINE TABLES TO UPDATE IN DATABASE
FIG. 6

FIG. 5

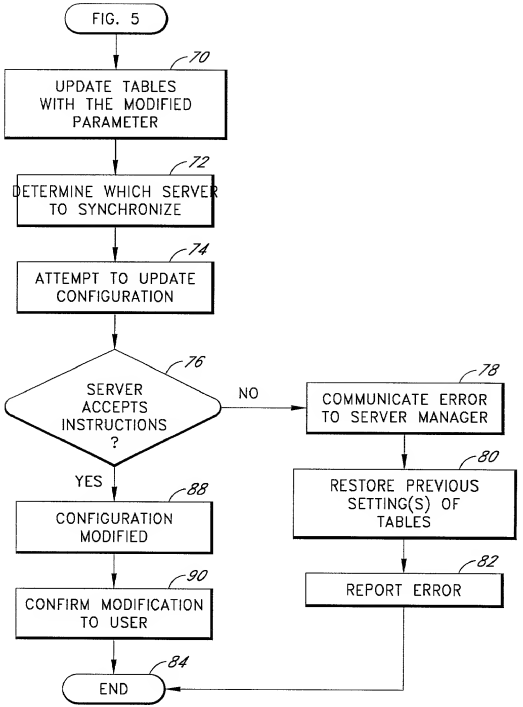


FIG. 5
70
UPDATE TABLES WITH THE MODIFIED PARAMETER
72
DETERMINE WHICH SERVER TO SYNCHRONIZE
74
ATTEMPT TO UPDATE CONFIGURATION
76
SERVER ACCEPTS INSTRUCTIONS ?
NO
78
COMMUNICATE ERROR TO SERVER MANAGER
80
RESTORE PREVIOUS SETTING(S) OF TABLES
82
REPORT ERROR
YES
88
CONFIGURATION MODIFIED
90
CONFIRM MODIFICATION TO USER
84
END

FIG. 6

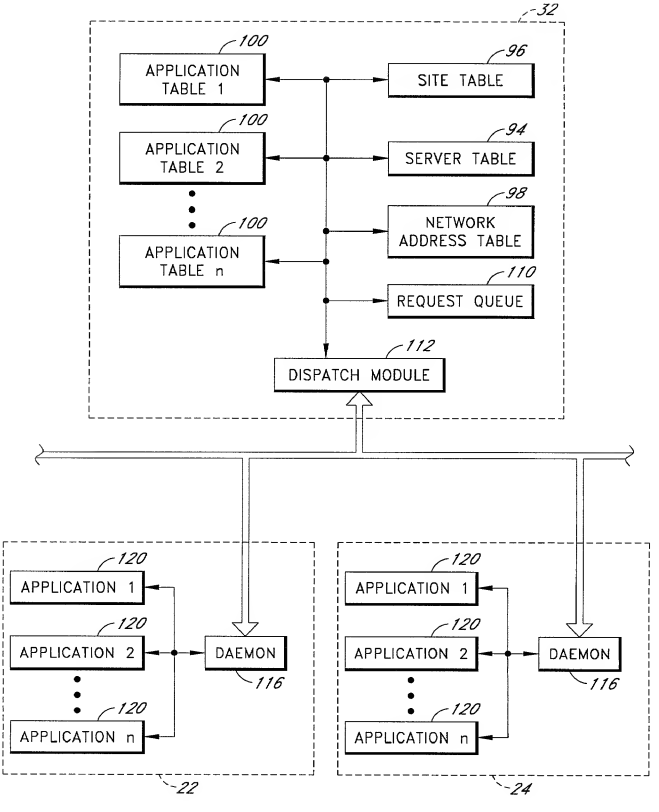

32
100
APPLICATION TABLE 1
100
APPLICATION TABLE 2
100
APPLICATION TABLE n
96
SITE TABLE
94
SERVER TABLE
98
NETWORK ADDRESS TABLE
110
REQUEST QUEUE
112
DISPATCH MODULE
120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION n
DAEMON
116
22
120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION n
DAEMON
116
24

FIG. 7

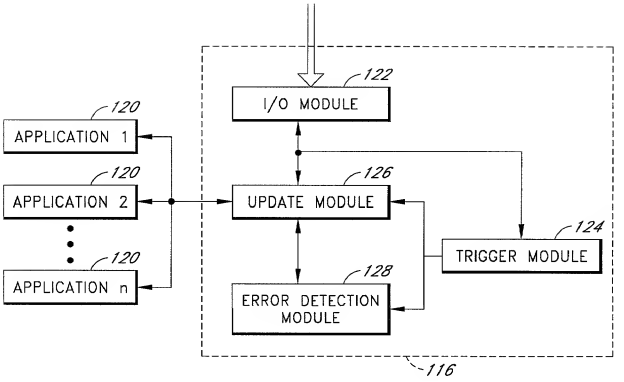
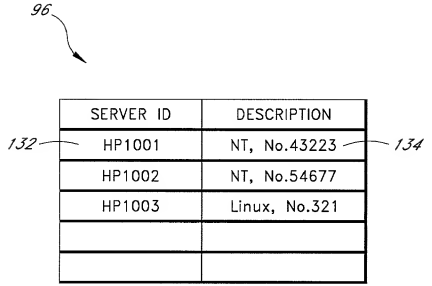
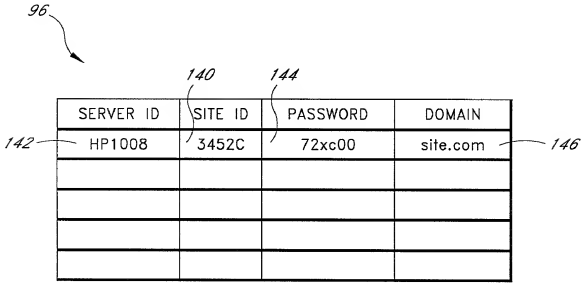

120
APPLICATION 1
120
APPLICATION 2
120
APPLICATION n
122
I/O MODULE
126
UPDATE MODULE
124
TRIGGER MODULE
128
ERROR DETECTION MODULE
116

FIG. 8



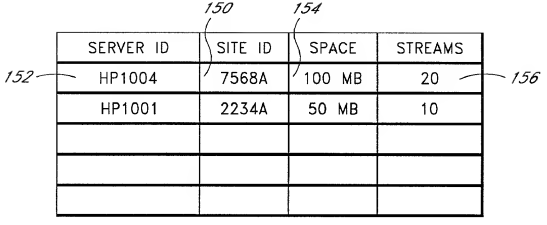
SERVER TABLE

FIG. 9



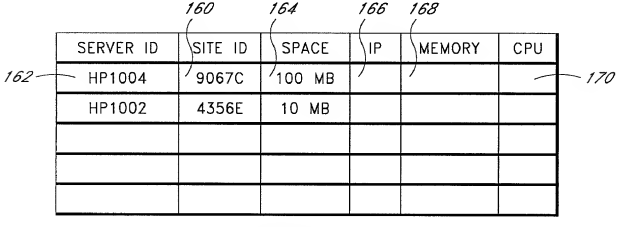
SITE TABLE

FIG. 10



MEDIA SERVER TABLE

FIG. 11



WEB SERVER TABLE

FIG. 12

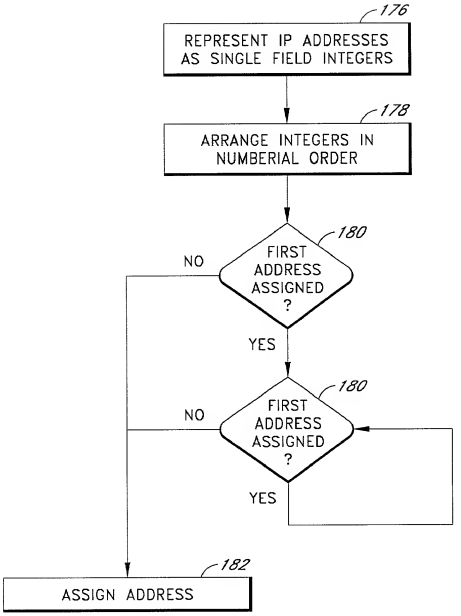

176
REPRESENT IP ADDRESSES AS SINGLE FIELD INTEGERS
178
ARRANGE INTEGERS IN NUMBERIAL ORDER
180
FIRST ADDRESS ASSIGNED ?
NO
YES
180
FIRST ADDRESS ASSIGNED ?
NO
YES
182
ASSIGN ADDRESS

FIG. 13